

WHEREAS, The State of California has a long history of leading the nation and the world in energy conservation, development and deployment of renewable energy technologies, and research and development into new environmentally sustainable energy technologies and practices; and

WHEREAS, The Governor, the Legislature, and other elected officials of the State of California actively continue to seek significant improvements in the reduction of the emission of green house gases, including efforts at promoting the increased use of biomass fuel alternatives such as those being advanced by the California Biomass Collaboration, quicker deployment of solar photovoltaic systems as demonstrated by the California Solar Initiative at the Public Utilities Commission, and faster adoption of energy efficiency building technologies as supported by research and development funding from the California Energy Commission; and

WHEREAS, The Assembly looks forward to working with the Governor in implementing the Bioenergy Interagency Working Group recommendations, starting with the Governor's Executive Order S-06-06 that acknowledges California's abundant biomass resources and the economic, environmental and energy security benefits from increased biomass utilization,

WHEREAS, In furtherance of the State of California's commitment to a secure energy future, three national laboratories located in California, Sandia National Laboratories, Lawrence Livermore National Laboratory, and Lawrence Berkeley National Laboratory, have formed a partnership to compete for funding from the United States Department of Energy for the establishment of the *Joint Bio-Energy Institute (formerly the National Biological Foundry)* in California; and

WHEREAS, The planned *Joint Bio-Energy Institute* would be funded by the US Department of Energy's Genomics: GTL program and advance the development of new research strategies and the exploitation of novel scientific platforms, the benefits of which will extend beyond the capability of any single organization, and enable experimentation using a systems biology approach that will lead to unprecedented findings and inventions; and

WHEREAS, Ultimately, research at the *Joint Bio-Energy Institute* would launch an array of creative advances in science, medicine, and industry, and help develop biology-based solutions to some of the nation's most critical energy problems, such as sustainable biology-based fuels; and

WHEREAS, Locating the *Joint Bio-Energy Institute* in California would allow this facility to build upon the State's unsurpassed commitment to developing sustainable energy alternatives and conservation practices, and to leverage California's unprecedented combination of life science industry, academic, and research leadership; and

WHEREAS, No other single region of the world can match California's concentration of science and technology leadership, backed by business and entrepreneurial expertise and a tradition of academic excellence; and

WHEREAS, The *Joint Bio-Energy Institute* can serve as an anchor of fundamental knowledge and capabilities that attracts and grows a cluster of new enterprises and opportunities, thereby further enhancing California's economy; and

WHEREAS, California's vibrant and aggressive venture capital community and intellectual property know-how will harness and commercialize the technological advances made at the *Joint Bio-Energy Institute* in biotechnology, the life sciences and energy technologies, helping to grow new California based businesses, maintaining and enhancing California's scientific and economic competitiveness; and

WHEREAS, The *Joint Bio-Energy Institute* will strive to serve the citizens of California; now, therefore, be it

*Resolved by the Assembly of the State of California*, That it extends its appreciation and commendations to Sandia National Laboratories, Lawrence Livermore National Laboratory, and Lawrence Berkeley National Laboratory for joining together in a partnership that holds great potential for the State of California, the nation and the world in furthering energy security and better environmental stewardship of the planet; and be it further

*Resolved*, That the Assembly recognizes the value, leadership, and service that the *Joint Bio-Energy Institute* will bring to California, and affirms its support of efforts to locate the *Joint Bio-Energy Institute* in California; and be it further

*Resolved*, That the Assembly encourages the United States Department of Energy to carefully review and consider the proposal of the national laboratory partnership of Sandia National Laboratories, Lawrence Livermore National Laboratory, and Lawrence Berkeley National Laboratory, to establish the *Joint Bio-Energy Institute* in California, keeping in mind the unmatched scientific, academic and business resources present in California which help to promise the best return on the federal government's investment; and be it further

*Resolved*, That the Assembly supports the Governor of California's efforts to direct the appropriate state agencies to assist and partner with the national laboratory partnership of Sandia National Laboratories, Lawrence Livermore National Laboratory, and Lawrence Berkeley National Laboratory in advancing their petition to the U.S. Department of Energy to establish the *Joint Bio-Energy Institute* in California; and be it further

*Resolved*, That the Chief Clerk of the Assembly transmit copies of this resolution to the author for appropriate distribution.